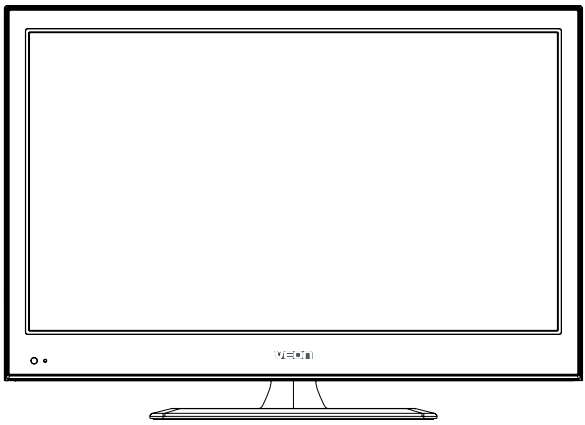
VEON™

22" 24"LED TELEVISION

MODEL: VN2280LED-FHD
VN2480LED-FHD



freeview

Instruction Manual

Freeview Introduction

Freeview is New Zealand's free-to-air digital television and radio service bringing you your favourite programmers in digital quality for free. Free digital television is available around the world and Freeview is here to ensure all New Zealanders have the opportunity to experience it.

Freeview is the replacement for analogue TV. This LCD TV is fitted with an internal Freeview system for your enjoyment.

For Freeview options refer to page 26 EPG - Electronic Program Guide

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Safety Information

Customer Support Line

For assistance during normal working hours (9am-5pm, Mon-Fri, New Zealand local time)

NZ call: **0800 883 301**

SYMBOLS

The graphic symbols used in this manual or on the back cover of the set mean the following:

Read this manual in full before use.

The lightning flash symbol is intended to alert the user to the enclosures that contain hazardous voltages.

The exclamation symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Important Safety Instructions

When using any electrical apparatus always observe safety regulations and use basic safety precautions to reduce the risk of fire, electric shock and personal injury, including the following.

1. Read, Keep and Follow these instructions, heeding all Warnings.
2. Keep out of reach of young children. This apparatus is not suitable for use by young children or infirm persons without supervision. Young children must be supervised to ensure that they do not play with the apparatus.
3. WARNING. Do not insert any objects into any openings of an electrical apparatus.
4. WARNING. Do not touch any moving parts of any electrical apparatus.
5. WARNING! Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable
6. WARNING. Do not use this apparatus near water. To avoid the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
   The apparatus shall not be exposed to dripping or splashes.
7. WARNING. No objects filled with liquid, such as vases, shall be placed on any electrical apparatus.

Important Safety Precautions

8. Do not immerse in any liquid whilst in use or in cleaning. Clean only with a damp cloth, dry with a dry towel. Do not use harsh abrasives as these may damage plastic parts.
9. DO NOT block any ventilation openings. Keep away from curtains, newspapers and restricted areas. Install in accordance with any specific manufacturer's instructions. Always allow a sufficient gap around the apparatus to avoid overheating.
10. DO NOT install near any heat sources such as radiators, gas heaters, stoves or other apparatus (including amplifiers) that produce heat. Do not leave in direct sunlight.
11. WARNING. Do not place any naked flame source, such as lighted candles on any electrical apparatus.
12. WARNING! Connect to a suitable 230-240V~ 50Hz power supply only. If a class 1 product it must be connected to a suitably earthed mains socket.
13. Always unplug from the power source when any electrical apparatus is not in use.
14. Do not abuse or damage a power cord. If any power cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard. A replaceable cord must be replaced with an authorised replacement from an authorised service agent only.
15. Only use attachments/accessories specified by the manufacturer.
16. Unplug this apparatus during lightening storms or when unused for long periods of time.
17. Attention is drawn to the environmental aspects of disposing of any battery.
18. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
19. Do not attempt to service any double insulated apparatus. Double insulated apparatus requires specialist servicing and knowledge to retain the safety of the apparatus.
20. WARNING. Do not use any electrical apparatus outdoors. If any electrical apparatus is to be used outdoors, use a suitable Isolating transformer or Electrical Safety Switch (RCD).
21. For household use only, this apparatus is not intended for commercial use.
22. If this apparatus is to be used by a third party, please supply these instructions with it.
23. No liability will be accepted for any personal injury or damage caused by failure to follow these instructions.

IMPORTANT INFORMATION – TELEVISION DISPLAY EQUIPMENT

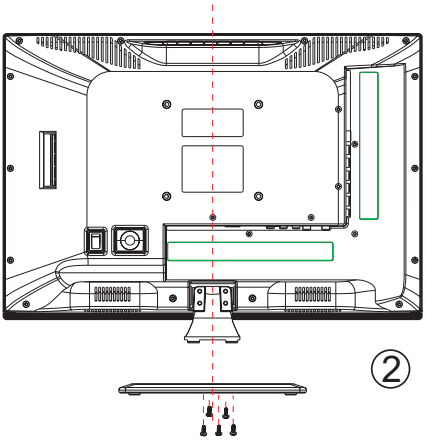
If a television is not positioned in a sufficiently stable location, it can be potentially hazardous due to falling. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the television.
- Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge of the supporting furniture.
- Not placing the television on tall furniture (for example, cupboards or book cases) without anchoring both the furniture and the television to a suitable support.
- Not standing the television on a cloth or other materials placed between the television and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television or its controls.

TV Bracket assembly

To install the glass base please carefully follow the following instructions. The glass base comes separate to avoid damage in transit. Install with care.

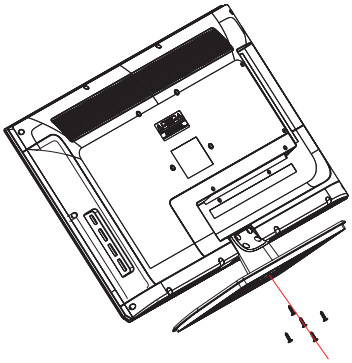
1.Match the TV unit into the stand, then hold the TV stand, revolve and lock the tv unit tightly as the arrowhead point.



①TV unit

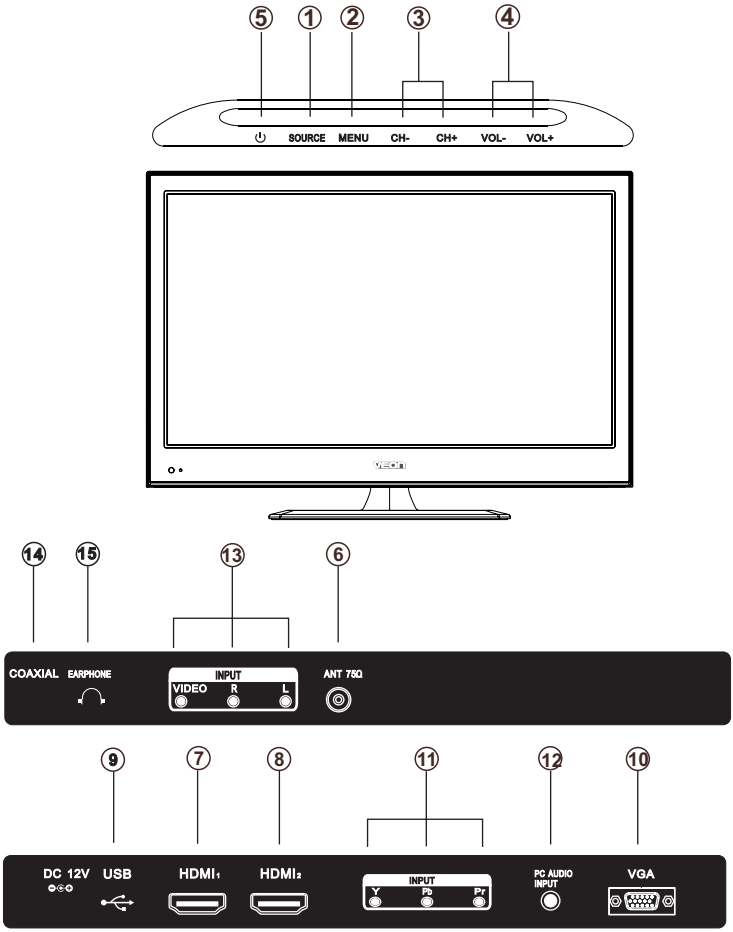
② TV stand

2.Fix the screws into the TV stand after installing the tv unit and tv stand.



③screws

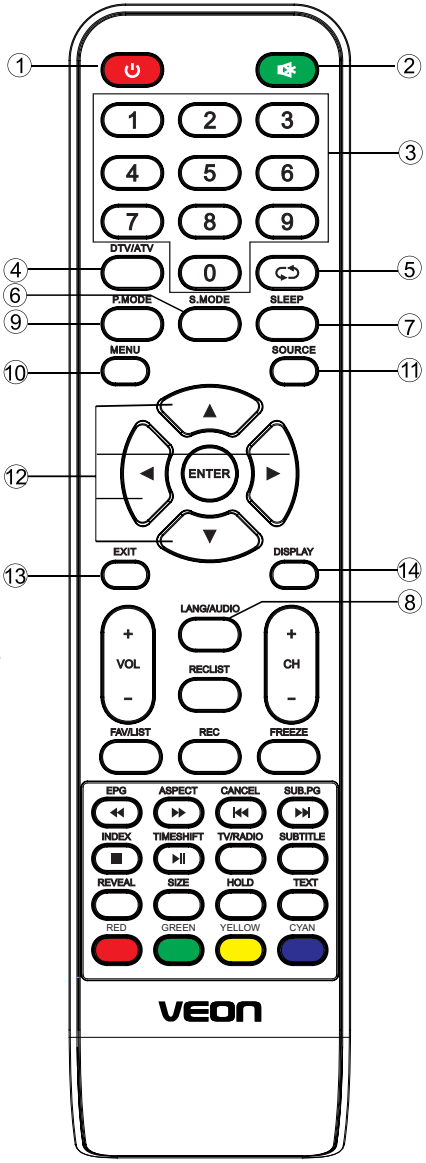
Front/Back panel diagram



1.SOURCE Source select
2.MENU Into or exit from menu
Use CH+/- button select item,
VOL+/- button adjust item
3.CH+/- Select channel
4.VOL+/- Adjust Volume
5. ⏻ Turn on/off TV .
6. ANT 75Ω.
7.HDMI 1 Input:Digital signal input from HDMI video connector.
8.HDMI 2 Input.
9.USB Input.
10 .VGA Input.
11.Y Pb/Cb Pr/Cr:Color difference components input and relevant video input .
12.VGA Audio Input.
13.AV Input:External AV signal input and relevant right/left sound channel inputs.
14.COAXIAL Output.
15. EARPHONE Earphone output
(When earphones are plugged in, speakers are disabled)

Remote Controller

1. **POWER :** Set your TV to power on or standby mode.
2. **MUTE :** Press to mute the sound. Press again or press VOL+ to unmute.
3. **0 - 9 :** Press 0~9 to select a TV channel directly while watching TV. The channel will change after 2 seconds. Applicable for entering page number in teletext mode and so on.
4. **DTV/ATV:** Switch between Analog and Digital TV
5. Return to the previous viewed program.
6. **S.MODE:** Press to cycle through the different sound settings
7. **SLEEP:** Select amount of time before TV turn itself off automatically.
8. **LANG/AUDIO:** Press to search NICAM mode or language option.
9. **P.MODE:** Press to cycle through the different picture settings
10. **MENU:** Allow you to navigate the on-screen menus.
11. **SOURCE:** Open the main menu ,press to list the sources
12. ▲▼◄► **ENTER:** Allow you to navigate the on-screen menus and adjust the system settings to your preference.
13. **EXIT:** Exit from the menu or sub-menu and cancel the function in process (if applicable)
14. **DISPLAY:** Press to display the source and channel's info.



Battery Installation:

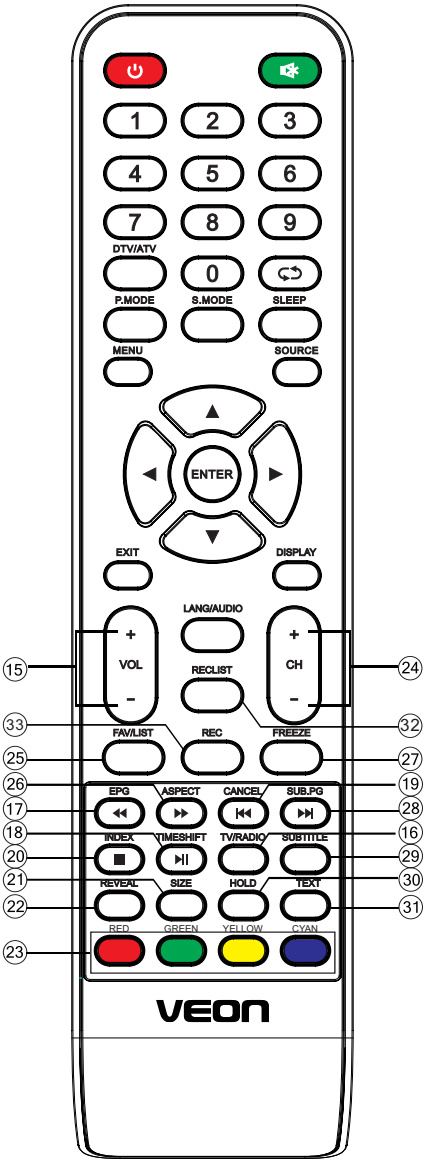
Remove the battery compartment lid on the rear of the remote control by sliding the lid down, then off. Put two AAA batteries inside the battery compartment with their + and - ends aligned as indicated. Do not mix old and new batteries or different types of batteries.
Slide the lid until you hear it click into place.

Using the Remote Control:

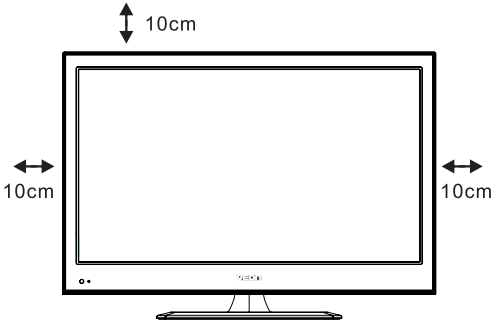
Unless stated, otherwise, the remote control can operate all the features of the TV.
Always point the remote control directly at the remote sensor in front of the TV.

Remote Controller

15. **VOL+/VOL-:** Press to increase / decrease the sound level.
16. **TV/RADIO :** When watching channel, allows you to switch between TV and Radio modes
17. **EPG:**1. Launches the EPG (Electronic Program Guide)
    2. Fast reverse in PVR or Media Player mode.
18. **TIME SHIFT:** 1.DTV channel time shift Function.
    2.play on PVR or Media Player mode.
19. **CANCEL:**1. When a page is selected in the mode of text, it may take some time before it becomes available, pressing the CANCEL key will return to the TV mode. When the required page is found , the page number will appear at the top of the TV picture, press the CANCELkey to return to the mode of text for you to browse this page.
    2. Previous chapter in PVR or Media Player mode
20. **INDEX:**1.Request the Index page in Teletext mode.
    2.Exit the playing function in PVR or Media Player mode.
21. **SIZE:** Change the size of display in Teletext mode.
22. **REVEAL:** Reveal or Hide the hidden words.
23. **COLOR BUTTONS:** Teletex switch of the analog parts, the items selection in the menu of the digital parts and the practice of the MHEG5 in the DVB menu.
24. **CH+/CH- :** Press to scan through channels.
25. **FAV/LIST:** press to open the favorite list. then you can select the favorite channel.
26. **ASPECT:**1. Select picture scale.
    2.fast forward in PVR or Media Player mode.
27. **FREEZE:** press to freeze the picture
28. **SUB. PG** 1.Press to access sub page.
    2. Next chapter in PVR or Media Player mode.
29. **SUBTITLE:**To show and set the language of current DTV.
30. **HOLD:** HOLD On or Off for current page display .
31. **TEXT:**Switch the teletext on and off.
32. **REC LIST:** Show the recorded list.
33. **REC:** Record begin in PVR mode.

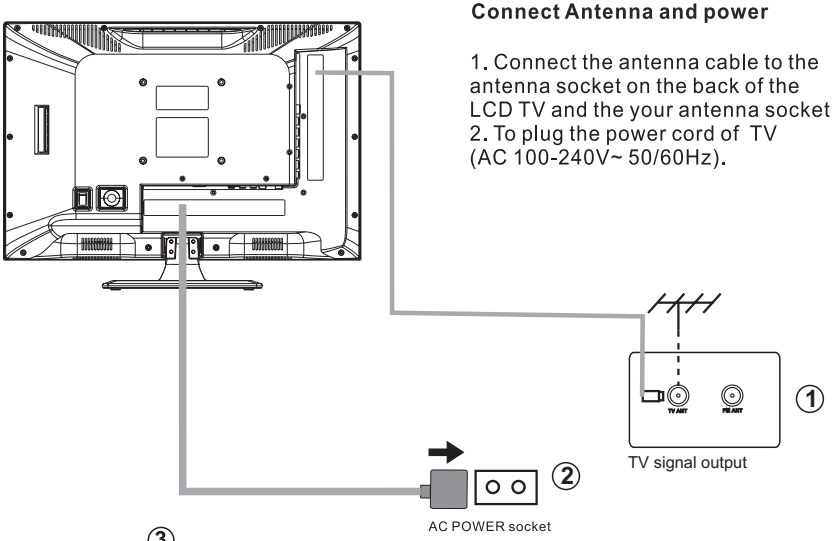


Basic Installation Guide



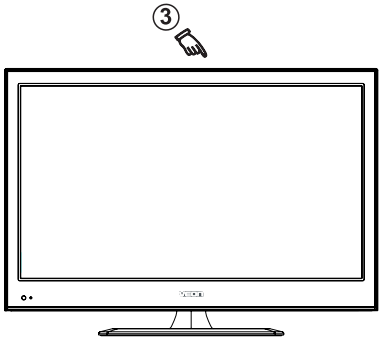
Set your TV

To put your TV in a firm place which can bear the weight of the TV.
To avoid danger, please don't expose the TV near water or heating place (such as light, candle, heating machine), do not block the ventilation at the back of TV.



Connect Antenna and power

1. Connect the antenna cable to the antenna socket on the back of the LCD TV and the your antenna socket.
2. To plug the power cord of TV (AC 100-240V~ 50/60Hz).



Turn On TV

3. Press the power button of the TV the indicator light will turn to green. If the TV is in standby mode the indicator will be RED.

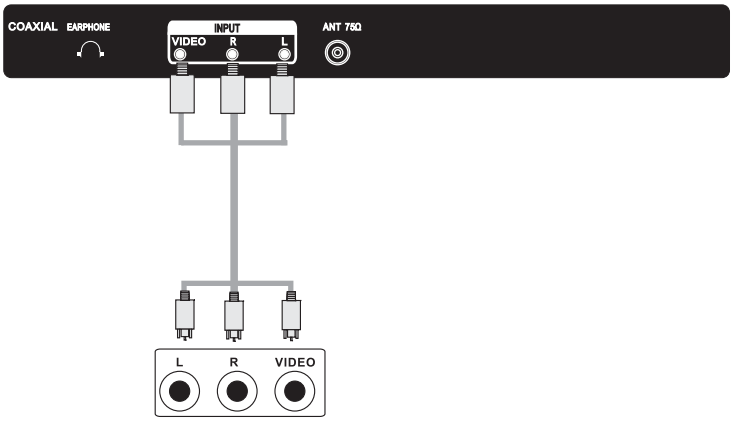
NOTE Picture for reference purposes only.

Systems Connection

Below diagrams show the basic connection options available.

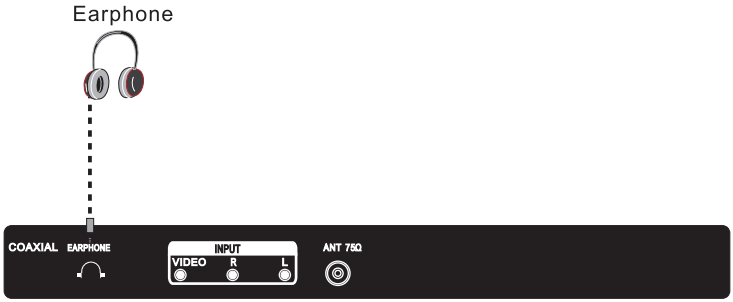
1.AV INPUT

Video / Audio input, use the **SOURCE** button select **AV** on the remote control ,



DVD AV R/L OUTPUT

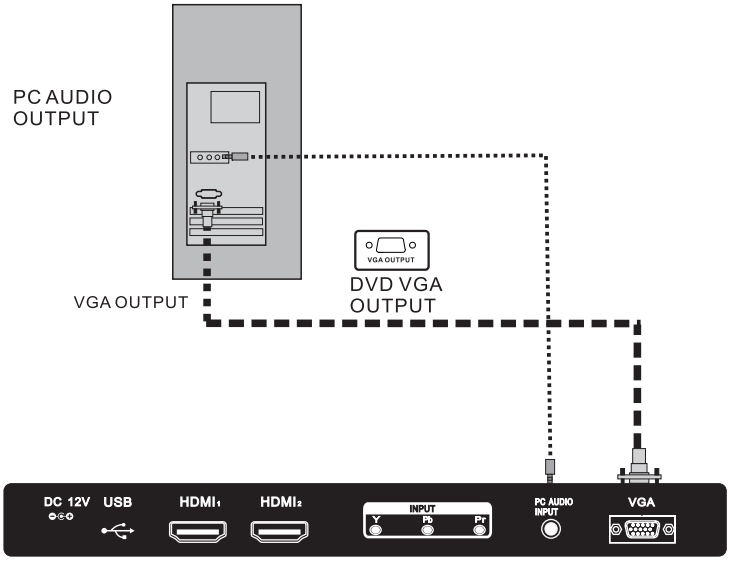
2.Earphone Output



Systems Connection

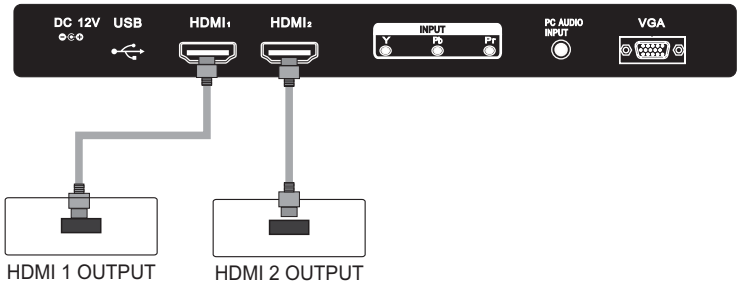
3.PC INPUT

PC (VGA) input, use the **SOURCE** button select **PC** on the remote control .



4.HDMI INPUT

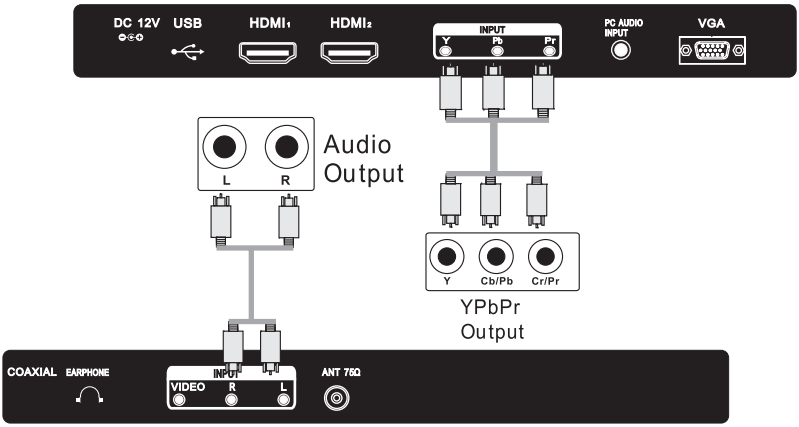
HDMI input, use the **SOURCE** button select **HDMI** on the remote control .



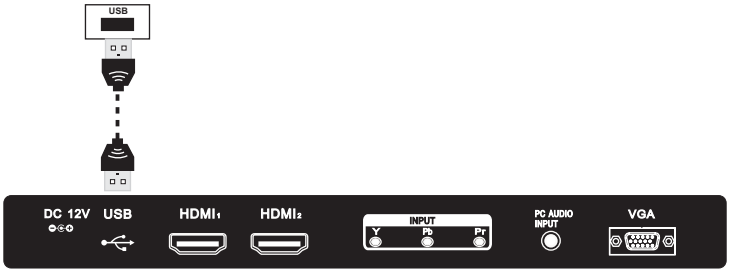
Systems Connection

5.Y Pb Pr Input

Y Pb Pr input, use the **SOURCE** button select **Y Pb Pr** on the remote control.



6.USB Input



SELECT INPUT SOURCE

- Press **SOURCE** button to display the input source list;
- Press ▼ / ▲ or **SOURCE** button to select the input source you want to watch;
- Press **ENTER** button to enter the input source;
- Press **EXIT** button to quit;

CHANNEL MENU SETUP

Press **MENU** button to display the main menu.

Press ◄ / ► button to select **CHANNEL** in the main menu, it will highlight the first option.

1. Press ▼ / ▲ button to select the option that you want to adjust in the **CHANNEL** menu.
2. Press **ENTER** button to adjust.
3. After finishing your adjustment, Press **MENU** button to save and return back to the previous menu.

Auto Tuning

Press ▼ / ▲ button to select **Auto Tuning**, then press **ENTER** button to start auto search.

ATV Manual Tuning

Press ▼ / ▲ button to select **ATV Manual Tuning**, then press **ENTER** button to input password to enter sub-menu. (Default password is '0000')

DTV Manual Tuning

Press ▼ / ▲ button to select **DTV Manual Tuning**, then press **ENTER** button to input password to enter sub-menu. (Default password is '0000')

Press ◄ / ► button to select channel, then press **ENTER** button to search program.

Program Edit

Press ▼ / ▲ button to select **Program Edit**, then press **ENTER** button to enter sub-menu.

Signal Information

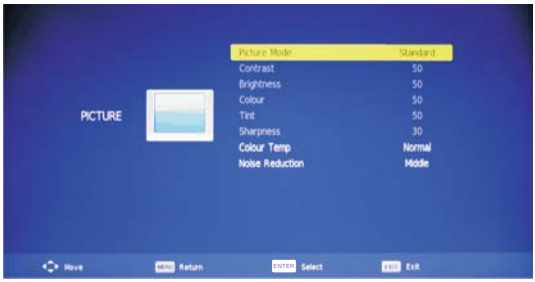
Press ▼ / ▲ button to select **Signal Information**, then press **ENTER** button to display signal details,including Channel, Network Rowridge, Modulation, Quality and Strength.

Software update(OAD)

Note:This model TV supports the new software update in a wireless format when there is a new software available.If there is a new software for this model,freeview NZ will upload the new version software via the broadcasting system to your local TV channel.The user can enter the option of "Software update(OAD)",use the remote control to follow the prompts to confirm the software update automatically.

Picture Menu

Press **MENU** button to display the main menu.
Press ◄ / ► button to select **PICTURE** in the main menu, it will highlight the first option.



1. Press ▼ / ▲ button to select the option that you want to adjust in the **PICTURE** menu.
2. Press **ENTER** button to adjust.
3. After finishing your adjustment, Press **MENU** button to save and return back to the previous menu.

Picture Mode

Press ▼ / ▲ button to select **Picture Mode**, then press **ENTER** button to enter sub-menu.
Press ▼ / ▲ button to select.(Available Picture mode:Personal , Dynamic, Standard,Mild).
You can change the value of contrast, brightness, color and sharpness when the picture is in USER mode.
TIPS: You can press **PMODE** button on the remote control to change the Picture Mode directly.

Contrast

Press ▼ / ▲ button to select **Contrast**, then press **ENTER** button to enter sub-menu.
Press ◄ / ► button to adjust.

Brightness

Press ▼ / ▲ button to select **Brightness**, then press **ENTER** button to enter sub-menu.
Press ◄ / ► button to adjust.

ColoUr

Press ▼ / ▲ button to select **Color**, then press **ENTER** button to enter sub-menu.
Press ◄ / ► button to adjust.

Tint

Press ▼ / ▲ button to select **Tint**, then press **ENTER** button to enter sub-menu.
Press ◄ / ► button to adjust.(Not available in DTV)

Sharpness

Press ▼ / ▲ button to select **Sharpness**, then press ◄ / ► button to adjust.

Color Temp

Press ▼ / ▲ button to select **Color Temperature**, then press ◄ / ► button to select.
(Available Color Temperature:Cold Normal Warm).

Noise Reduction

Press ▼ / ▲ button to select Noise Reduction, then press **ENTER** button to select.
(Available Noise Reduction:Off,Low,Middle,High, Default)

Sound Menu

Press **MENU** button to display the main menu.

Press ◄ / ► button to select **Sound** in the main menu, it will highlight the first option.

1. Press ▼ / ▲ button to select the option that you want to adjust in the **SOUND** menu.
2. Press ◄ / ► button to adjust.
3. After finishing your adjustment, Press **MENU** button to save and return back to the previous menu.

Sound Mode

Press ▼ / ▲ button to select **Sound Mode**, then press **ENTER** button to enter sub-menu.
Press ▼ / ▲ button to select.
(Available Sound mode: Standard, Music, Movie, Sports, Personal).
You can change the value of Treble and Bass when the sound is in USER mode.
TIPS: You can press **SMODE** button on the remote control to change the Sound Mode directly.

Treble

Press ▼ / ▲ button to select **Treble**, then press **ENTER** button to enter sub-menu.
Press ◄ / ► button to adjust.

Bass

Press ▼ / ▲ button to select **Bass**, then press **ENTER** button to enter sub-menu.
Press ◄ / ► button to adjust.

Balance

Press ▼ / ▲ button to select **Balance**, then press **ENTER** button to enter sub-menu.
Press ◄ / ► button to adjust.

Auto Volume

Press ▼ / ▲ button to select **Auto Volume**, then press **ENTER** button to select On of Off.

SPDIF MODE

Press ▼ / ▲ button to select **SPDIF MODE**, then press **ENTER** button to select Auto On of Off or PCM .

AD Switch

Press ▼ / ▲ button to select **AD Switch** , then press **ENTER** button to select On of Off.

Time Menu

Press **MENU** button to display the main menu.

Press ◄ / ► button to select **TIME** in the main menu, it will highlight the second option.

1. Press ▼ / ▲ button to select the option that you want to adjust in the **TIME** menu.
2. Press ◄ / ► button to adjust.
3. After finishing your adjustment, Press **MENU** button to save and return back to the previous menu.

Clock

Display the current system time.It's not available.

Time Zone

Press ▼ / ▲ button to select Time Zone, then press **ENTER** button to enter sub-menu.
Press ▼ / ▲ / ◄ / ► button to select time zone.

Sleep Timer

Press ▼ / ▲ button to select Sleep Timer, then press **ENTER** button to enter sub-menu.
Press ▼ / ▲ button to select.
(Available options are:Off,10min,20min,30min,60min,90min,120 min ,180min,240min.)

Auto Standby

Press ▼ / ▲ button to select Auto Standby, then press **ENTER** button to enter sub-menu.Press ▼ / ▲ button to select.
(Available options are: Off, 3H, 4H, 5H).

OSD Timer

Press ▼ / ▲ button to select OSD Timer, then press **ENTER** button to enter sub-menu.Press ▼ / ▲ button to select.
(Available options are: 5S, 10S, 15S, 20S, 25S, 30S).

Lock Menu

Press **MENU** button to display the main menu.
Press ◄ / ► button to select **LOCK** in the main menu, it will highlight the first option.

1. Press ▼ / ▲ button to select the option that you want to adjust in the **LOCK** menu.
2. Press ◄ / ► button to adjust.
3. After finishing your adjustment, Press **MENU** button to save and return back to the previous menu.

Lock System

Press ▼ / ▲ button to select Lock System,then press **ENTER** button to make the following 3 options valid. (Default password is '0000'.)

Set Password

Press ▼ / ▲ button to select Set Password, then press **ENTER** button to enter sub-menu to set new password.

Block Program

Press ▼ / ▲ button to select Block Program, then press **ENTER** button to enter sub-menu.

Press ▼ / ▲ button to select the program you want to lock, then press yellow button on your remote control.(To unlock program,input the password you set.)
Press OK button to save setting and menu button to back to the previous menu.

Parental Guidance

Press ▼ / ▲ button to select **Parental Guidance**, then press **ENTER** button to enter sub-menu to select.

Key Lock

Press ▼ / ▲ button to select **Key Lock**,then press **ENTER** button to select On or Off.

SETUP Menu

Press **MENU** button to display the main menu.

Press ◄ / ► button to select **SETUP** in the main menu, it will highlight the first option.

1. Press ▼ / ▲ button to select the option that you want to adjust in the **SETUP** menu.
2. Press ◄ / ► button to adjust.
3. After finishing your adjustment, Press **MENU** button to save and return back to the previous menu.

OSD Language

Press ▼ / ▲ button to select **OSD Language**, then press **ENTER** button to enter sub-menu.
Press ▼ / ▲ / ◄ / ► button to select OSD language.

TT Language

Press ▼ / ▲ button to select **TT Languages** , then press **ENTER** button to enter sub-menu.Press ▼ / ▲ button to select.

Audio Languages

Press ▼ / ▲ button to select **Audio Languages** , then press **ENTER** button to enter sub-menu.Press ▼ / ▲ button to select.

Subtitle Language

Press ▼ / ▲ button to select **Subtitle Language** , then press **ENTER** button to enter sub-menu.Press ▼ / ▲ button to select.

Hearing Impaired

Press ▼ / ▲ button to select Hearing Impaired, then press **ENTER** button to select On or Off.

PVR File System

Press ▼ / ▲ button to select PVR File System, then press **ENTER** button to enter sub-menu.

Aspect Ratio

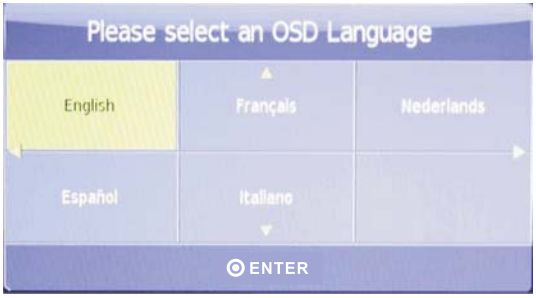
Press ▼ / ▲ button to select Aspect Ratio, then press **ENTER** button to enter sub-menu.
Press ▼ / ▲ button to select aspect
ratio.(Available options are:Auto,4:3,16:9,Zoom1,Zoom2).

Blue Screen

Press ▼ / ▲ button to select Blue Screen, then press **ENTER** button to select On or Off.

First Time Installation

Press ▼ / ▲ button to select First Time Installation, then press **ENTER** button to set relevant options including OSD language,
country and tuning.



Reset

Press ▼ / ▲ button to select Restore Factory Default, then press **ENTER** button to enter a dialogue.Press ◄ button selecting

Yes to restore factory default by choosing OSD language,country and conducting Channel Tuning ►.

Software Update(USB) (For service use only)

Note: If the wrong software is loaded onto the TV, this may compromise the function of the unit and will avoid any warranty claims.

Screen Menu

Press **MENU** button to display the main menu.

Press ◄ / ► button to select **Screen** in the main menu, it will highlight the first option.
(Only available when inputting PC-RGB signal)

1. Press ▼ / ▲ button to select the option that you want to adjust in the **SCREEN** menu.
2. Press **ENTER** button to adjust.
3. After finishing your adjustment, Press **MENU** button to save and return back to the previous menu.

Auto Adjust

Press ▼ / ▲ button to select **Auto Adjust**, then press **ENTER** button to start adjusting automatically.

H-Offset

Press ▼ / ▲ button to select **H-Offset**, then press **ENTER** button to enter sub-menu.

Press ◄ / ► button to adjust.

V-Offset

Press ▼ / ▲ button to select **V-Offset**, then press **ENTER** button to enter sub-menu.
Press ◄ / ► button to adjust.

Size

Press ▼ / ▲ button to select **Size**, then press **ENTER** button to enter sub-menu.

Press ◄ / ► button to adjust display size.

Phase

Press ▼ / ▲ button to select **Phase**, then press **ENTER** button to enter sub-menu.
Press ◄ / ► button to adjust.

Posltion Reset

Press ▼ / ▲ button to select Restore Factory Default,

MEDIA OPERATION

Note:Before operating **MEDIA** menu,Plug in USB device,then press **SOURCE** button to set the Input Source to **MEDIA** .

Press ◄ / ► button to select **MEDIA** in the Source menu, then press **ENTER** button to enter.

Press ◄ / ► button to select **the option you want to adjust** in the main **MEDIA** menu, then press **ENTER** button to enter.

Photo Menu

Press ◄ / ► button to select PHOTO in the main menu, then press **ENTER** button to enter.
Press menu button to return back to the previous menu and exit menu to quit

Press ◄ / ► button to select drive disk you want to watch, then press **ENTER** button to enter.
Press ◄ / ► button to select return option to back to the previous menu.

Press ◄ / ► button to select the file you want to watch in the file selecting menu, then press media button to display picture.

When highlighting the option you select,the file information will appear on the right and picture will be previewed in the center.

Press ◄ / ► button to select the file folder you want to search in the file selecting menu, then press red or **ENTER** button on your remote control to enter sub-menu.

Press ◄ / ► button to select the file you want to delete in the file selecting menu, then press red button on your remote control and press **ENTER** button to delete files.

Music Menu

Press ◄ / ► button to select MUSIC in the main menu, then press **ENTER** button to enter. Press menu button to return back to the previous menu and exit menu to quit.

Press ◄ / ► button to select drive disk you want to watch, then press **ENTER** button to enter.
Press ◄ / ► button to select return option to back to the previous menu.
When highlighting the option you select,the file information will appear on the right and music will be previewed in the center.

Press ◄ / ► button to select the file you want to watch in the file selecting menu, then press **ENTER** button to add the file to playlist,
press media button to diaplay and operate file details.

Press ◄ / ► button to select menu in the bottom you want to run, then press **ENTER** button to operate.
Press menu button to back to the previous menu and exit button to quit the entire menu.
Press ▼ button to hide the menu int the bottom.

Movie Menu

Press ◄ / ► button to select MOVIE in the main menu, then press **ENTER** button to enter.
Press menu button to return back to the previous menu and exit menu to quit.

Press ◄ / ► button to select drive disk you want to watch, then press **ENTER** button to enter.
Press ◄ / ► button to select return option to back to the previous menu.

When highlighting the option you select, the file information will appear on the right and movie will be previewed in the center.
Press media button to play the selected movie.
Press display button to select menu in the bottom you want to run, then press **ENTER** button to operate.
Press menu button to back to the previous menu and exit button to quit the entire menu.

Text Menu

Press ◄ / ► button to select TEXT in the main menu, then press **ENTER** button to enter.
Press menu button to return back to the previous menu and exit menu to quit.

When highlighting the option you select,the file information will appear on the right and text will be previewed in the center.
Press media button to view the selected text.
Press display button to select menu in the bottom you want to run, then press **ENTER** button to operate.
Press menu button to back to the previous menu and exit button to quit the entire menu.
Press ◄ / ► button to select drive disk you want to watch, then press **ENTER** button to enter.
Press ◄ / ► button to select return option to back to the previous menu.

EPG – ELECTRONIC PROGRAM GUIDE

Please press the remote control " EPG " key RPOGRAMME EPG pop-up menu (only useful in DTV mode).

2
Wed 26 Mar
2.30pm Neighbours
3.00pm My Friends Tigger And Pooh
3.20pm Fifi And The Flowertots
3.30pm Ben 10
4.00pm Spongebob Squarepants
4.30pm Studio 2
5.00pm Neighbours
TV ONE, 3.09pm
Frazer is forced to go it alone with the baby when Rosie questions imminent motherhood. Mia reels from Marco's confession and fails to convince Oliver to stop playing detective.
G
Prog Chnl
Prev Day
Next Day
OK Watch TV
EPG Now/Next
freeview

Press the "EPG" button on the remote control to show the EPG (Electronic Program Guide) pop-up menu (only in Digital TV Mode)

In the EPG menu follow the prompts below the available channels to select your options by using the

◄►▼▲ buttons to navigate around the menu.
To switch between TV and Radio press the TV/Radio button
Note. To use the EPG function you must be receiving Digital Channels. The time settings need to be set correctly and in the correct time zone.

Press the SOURCE key to switch the source to DTV mode. In the DTV mode, user should be able to watch digital TV programs played by local television stations.

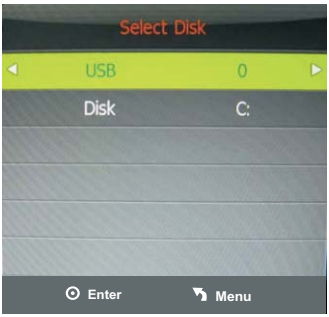
RECORD TO AN EXTERNAL STORAGE DEVICE

Insert the external storage device to the USB port on the TV unit. For first time use of the external storage device to enable the RECORD or TIMESHIFT operation, you will need to FORMAT the disc.

FORMAT operation is as follows:

Press the Menu button, then press left and right arrow key to select SETUP sub-menu. ENTER the PVR File System option, press the OK button, the following dialog box will pop up:

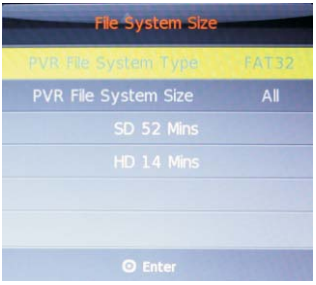
Press the up and down arrow keys to select the Select Disk option, then press the OK button, the following dialog box will pop up:



Select the USB interface. The default is 0
Select the partition of
disk for REC or TIMESHIFT operation.

Press the up and down arrow keys to select the DISC option, if the external memory have only one partition, the default is C disk, if more than one partition, please press left and right arrow keys to select the partition that you want to save the data you want to record . After choosing one disk, press the MENU button to return PVR File System option.

Press the up and down arrow keys to select the FORMAT menu, then press the OK button, the following dialog box will pop up:



Select the disk format to do the Format operation. System defaults to FAT32.
Choose the disk capacity for FORMAT

The available time to save SD TV programme.

The available time to save HD TV programme.

Press the OK button, it will pop-up with a warning dialog box, and then press the OK button again, the system will begin to format the disc, this operation will delete all user data in the selected disc, so please backup your data before beginning your operation. When FORMAT operation is completed, the system will automatically return to the PVR File System menu.

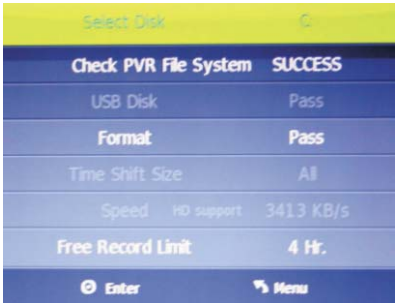
Press the up and down arrow keys to select Chek PVR File System option and confirm.

This operation will test the speed function of the external memory. If it is OK, the words SUCCESS will appear after PVR File System, and the storage speed that the external memory supports will be illustrated after the speed option. For recording standard definition video we recommend the minimum speed is : 600KB / S. For high-definition video, we recommend the minimum speed is 2000KB / S. If the test speed rate is lower than the minimum standards, it will result in the failure of the video recording. If it does not complete the speed test function, please check whether the function of the external memory device is normal.

After finishing the FORMAT operation, then you can do the RECORD / TIMESHIFT operation.

REC operation is as follows:

In the DTV mode , to ensure that users can watch normal TV, Press the "REC" shortcut key on the remote control, the system could automatically save the current playing TV programs to the external memory.



To play the TV program after the RECORD function, please press the REC LIST button on the remote control in the DTV channel mode. Pop-up dialog box is as below:

Press to play or pause
Fast forward to the previous section of the program
Fast forward to the next section of the program
To select the previous one
To select the next one
Pause play
Stop recording, exit PVR mode

This dialog box will show the video saved by the user via the RECORD function list, press the up and down arrow keys, and select the program from the list to play.

If the user wants to leave the room for a while when watching television and the user wants to continue watching from the time they left the room , please press the "TIMESHIFT" button on the remote control in the DTV channel mode, the screen will freeze at this time

To watch again, pls press Play / Pause button. Then the TV will start playing and picture will begin to play from the time they left the room.

USB FUNCTIONS

USB MULTIMEDIA PLAYBACK FORMAT

<table>
<tr><th rowspan="2">Media</th><th>File</th><th colspan="2">Codec</th><th rowspan="2">Remark</th></tr>
<tr><th>Ext.</th><th>Video</th><th>Audio</th></tr>
<tr><td rowspan="8">Movie</td><td>.mpg</td><td>MPEG-1, MPEG-2</td><td rowspan="8">MP3, WMA,
AAC, AC3</td><td>Max Solution: 1920×1080
Max Data Rate: 40 Mbps</td></tr>
<tr><td>.avi</td><td>DivX, Xvid, MJPEG,
MPEG-4 SP/ASP,
H.264</td><td rowspan="5">Max Solution: 1920×1080
Max Data Rate: 20 Mbps</td></tr>
<tr><td>.ts</td><td>MPEG-2, H.264</td></tr>
<tr><td>.mov/
.mkv</td><td>MPEG-4 SP/ASP,
H.264</td></tr>
<tr><td>.dat</td><td>MPEG-1</td></tr>
<tr><td rowspan="2">.mp4</td><td>MPEG-4 SP/ASP,
H.264</td></tr>
<tr><td>MPEG-1, MPEG-2</td><td>Max Solution: 720×576
Max Data Rate: 40 Mbps</td></tr>
<tr><td>.vob</td><td>MPEG-2</td></tr>
<tr><td rowspan="3">Music</td><td>.mp3</td><td>--</td><td>MP3</td><td rowspan="2">Sample Rate: 8K~48KHz
Bit Rate: 32K~320Kbps
Channel: Mono/Stereo</td></tr>
<tr><td>.wma</td><td>--</td><td>WMA</td></tr>
<tr><td>.m4a/
.aac</td><td>--</td><td>AAC</td><td>Sample Rate: 16K~48KHz
Bit Rate: 32K~442Kbps
Channel: Mono/Stereo</td></tr>
<tr><td rowspan="4">Photo</td><td>.jpg/
.jpeg</td><td colspan="2">Progressive JPEG</td><td>Max Resolution: 1024×768</td></tr>
<tr><td></td><td colspan="2">Baseline JPEG</td><td>Max Resolution: 8192×8192</td></tr>
<tr><td>.bmp</td><td colspan="2">BMP</td><td>Max Resolution: 6500×6500
Pixel Depth: 1/4/8/16/24/32 bpp</td></tr>
<tr><td rowspan="2">.png</td><td colspan="2">Non-Interlaced</td><td>Max Resolution: 3000×3000</td></tr>
<tr><td colspan="2">Interlaced</td><td>Max Resolution: 1500×1500</td></tr>
<tr><td colspan="5">File system: Hi Speed FS, FAT32, FAT16, NTFS(NTFS compressed file is not supported)
Note: Licenses are required for DivX, MPEG, H.264, AC3, MP3, WMA and AAC.
Max.HDD Capacity:400GB</td></tr>
</table>

RESOLUTION

VGA

Resolution	800x600	1024x768	1360X768
Vertical frequency Hz	60	60	60

HDMI

Resolution	480i	480p	576i	576p	720p	1080i	1080p
Vertical frequency Hz	60	60	50	50	50/60	50/60	50/60

YPBPR

Resolution	480i	480p	576i	576p	720p	1080i	1080p
Vertical frequency Hz	60	60	50	50	50/60	50/60	50/60

HELP

No Power	Please check if AC power cable connect in with the TV unit, if it is connect but no power, please Pull out of the Power plug and Plug in again. Then open the TV again after 60 seconds .
Signal receive not properly	To cause double image or phantom if there has high building or high mountain round -TV. You can adjust image effect by manually operation: consult instruction of vernier regulation or change the direction of external antenna. If you use the indoor antenna . under certain circumstance, receive will be more difficult .So you can change the direction of the antenna to adjust the image effect . If can't change image receiving effect either , you have to use external antenna.
No picture	Check the antenna at the back of TV is connected properly or not. Try to select other channels and check whether the TV problem itself or not.
Video is ok ,but without audio	Increase the volume. Check the TV is in mute mode or not , and please press the mute button to make sound resume.
Audio is ok, but color error or no picture.	Increase contrast and brightness.
snow statics picture and noise	Check the antenna at the back of TV is connected or not .
Level broken line	Maybe has electrical appliance interfere, such as hair drier, vacuum cleaner and so on, please turn off these kinds of electrical appliance.
Dual-Image or "simulacrum" The TV no response with the Remote.	Perhaps the location for the antenna is not good.Use the tall beamed antenna can be improved quality of the display image. Operate the remote direct to the remote sensor on the TV.If still no response for the TV, please check if the plastic bag on the remote take or not. And checkif the location for the battery is correct.Change the new battery. The TV will shift to the STAND BY if no response from the remote in the few minutes.
NO Video In. (PC Mode)	Please check if the display cable connect to the VGA correcte . Please check if there has the bend on the display cable.
Vertical twinkling (PC Mode)	Enter the main menu, Use the clock regulator for the Video display noise to eliminate the vertical line.
horizontal ripping (PC Mode)	Adjust the Audio sound horizontal in the main menu to clear the horizontal ripping line.
The screen is too bright or too dark (PC Mode)	Adjust the contrast ratio or brightness in the main menu.
PC Function no response	Check the computer setting in the state of compatible display resolution
Ripping line in RCA connecting	Please use good quality connecting cable.
Problem still exist	Unplug the power cable and wait for 30 seconds, then connect.If there is some problem with our TV, do not repair it by yourself, please contact with the customer service center.

Note: There will be complete picture and the brightness will come down if the TV is in the static picture for too long time, So please do not keep the TV in a state of same Menu or same picture that has much difference in brightness and contrast ratio for too long time.

SPECIFICATIONS

Screen Size	22″	24″
Viewing angle	178° (Horizontal) / 178° (Vertical)	
TV system	PAL/SECAM	
Video system	PAL/NTSC/SECAM	
Preset Channels	1-100	
Input	IN TV, AV, PC, YbPbPr,VGA, HDMIx2,USB	
Speaker Output	10+10W	
Power requirement	DC 12V ⎓ 3A ⊖◁⊕	AC 100-240V~, 50/60Hz
Power consumption	36W	48W
Non-active pixels	0-5	
Accessories	User's manual Remote controller AC Adaptor/Power cord 2 x AAA Batteries	

Note: The LCD panel is a high technology product, giving you finely detailed pictures. Occasionally, a few non- active pixels may appear on the screen as a fixed point of colour. This does not affect the performance of your product.

Note:This user manual is for reference only. Specifications are subject to change without notice.

Warranty Card

This product is guaranteed against faulty materials and workmanship for a period of Three years from the date of purchase with proof of purchase. The obligation to the purchaser under this warranty is limited to servicing the unit and replacing defective parts or refund when the product is returned freight prepaid to the retailer with proof of purchase. This warranty becomes void if the product has been tampered with, damaged by accident, damaged in any other way by improper use or has been purchased second hand. All production orders have quality inspections. In the unlikely event of a deficiency, please contact the retailer from which this product was purchased.

WARRANTY FOR APPLIANCES USED COMMERCIALLY LIMITED TO 90 DAYS

Type of Appliance: _____

Model No.: _____ Purchase Date: _____

Product Purchased From: _____

_____

Your Name: _____

Address: _____

_____ Phone Number: _____

IMPORTANT!

Please retain this warranty card along with your purchase receipt. Please do not post to the retailer. If service or a warranty claim is required, both of these documents are to be returned with the appliance to your retailer, otherwise a fee may be charged or warranty declined. For technical help contact the helpline.